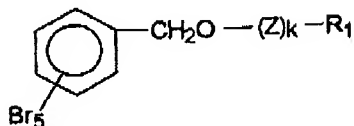


-2-

1. (Previously Presented) A pentabromobenzyl alkyl ether of the formula:



wherein:

- Z represents the group  $-(\text{Y}-\text{O})_n-$ , wherein Y is a linear or branched  $-(\text{C}_2-\text{C}_8)$  alkylene-;
- n represents an integer from 2 to 4;
- k may be 0 or 1;
- $\text{R}_1$  represents hydrogen, a linear or branched  $-(\text{C}_1-\text{C}_{10})$  alkyl, allyl, or 1,2-dibromopropyl; provided that when k is zero  $\text{R}_1$  represents a linear or branched  $-(\text{C}_4-\text{C}_{10})$  alkyl, and when k is 1  $\text{R}_1$  represents hydrogen, a linear or branched  $-(\text{C}_1-\text{C}_4)$  alkyl, allyl or 1,2-dibromopropyl.

2. (Original) A pentabromobenzyl alkyl ether according to claim 1, wherein Z represents a group selected from  $-(\text{C}_2\text{H}_4\text{O})_n$  and  $-(\text{C}_3\text{H}_6\text{O})_n$ , wherein n represents 2.

3. (Original) A pentabromobenzyl alkyl ether according to claim 1, wherein  $k=1$  and  $\text{R}_1$  represents H, methyl or butyl.

4. (Previously Presented) A pentabromobenzyl alkyl ether according to claim 1, wherein  $k=0$  and  $\text{R}_1$  represents branched  $(\text{C}_8)$  alkyl.

5. (Currently Amended) A pentabromobenzyl alkyl ether according to claim 1, selected from the group consisting of:

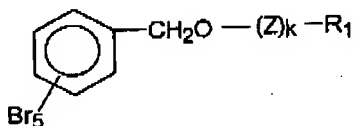
-3-

pentabromobenzyl-O- $(\text{CH}_2\text{CH}_2\text{O})_2\text{CH}_3$ ;pentabromobenzyl-O- $(\text{CH}_2\text{CH}_2\text{O})_2\text{H}$ ;pentabromobenzyl-O- $(\text{CH}_2)_6\text{OH}$ ;pentabromobenzyl-O- $\text{CH}_2\text{CH}(\text{C}_2\text{H}_5)(\text{CH}_2)_3\text{CH}_3$ ;pentabromobenzyl-O- $(\text{C}_3\text{H}_6\text{O})_2\text{-CH}_3$ , andpentabromobenzyl-O- $(\text{C}_3\text{H}_6\text{O})_2\text{-H}$ 

6. (Canceled)

7. (Canceled)

8. (Previously Presented) A fire retarded polymeric or polymer-containing composition comprising a pentabromobenzyl alkyl ether of the formula:



wherein:

- Z represents the group  $-(\text{Y-O})_n-$ , wherein Y is a linear or branched  $-(\text{C}_2\text{-C}_8)\text{alkylene-}$ ;
- n represents an integer from 2 to 4;
- k may be 0 or 1;
- $\text{R}_1$  represents hydrogen, a linear or branched  $-(\text{C}_1\text{-C}_{10})\text{alkyl}$ , a linear or branched  $-(\text{C}_2\text{-C}_{10})\text{alkylene-OH}$ , allyl, or 1,2-dibromopropyl; provided that when k is zero  $\text{R}_1$  represents a linear or branched  $-(\text{C}_4\text{-C}_{10})\text{alkyl}$  or a linear or branched  $-(\text{C}_2\text{-C}_{10})\text{alkylene-OH}$  and when k is 1,  $\text{R}_1$  represents hydrogen, a linear or branched  $-(\text{C}_1\text{-C}_4)\text{alkyl}$ , allyl or 1,2-dibromopropyl.

-4-

9. (Original) A fire retarded composition according to claim 8, wherein said polymer is selected from the group consisting of chlorinated polyethylene, polyethylene, polypropylene, styrene resins, high-impact polystyrene, polyvinyl chloride, acrylonitrile-butadiene-styrene copolymer, flexible and rigid polyurethane, epoxy resins and unsaturated polyester resins.

10. (Original) A fire retarded composition according to claim 9, wherein said polymer is polypropylene.

11. (Original) A fire retarded composition according to claim 9, wherein said polymer is high impact polystyrene (HIPS).

12. (Original) A fire retarded composition according to claim 9, wherein said polymer is acryl-butadiene-styrene terpolymer (ABS).

13. (Original) A fire retarded composition according to claim 9, wherein said polymer is polyurethane.

14. (Previously Presented) A fire retarded composition according to claim 8, wherein said polymer is selected from the group consisting of polyurethane, polypropylene copolymer, high impact polystyrene (HIPS) and acryl-butadiene-styrene terpolymer (ABS), and said pentabromobenzyl alkyl ether is selected from the group consisting of:

pentabromobenzyl-O-(CH<sub>2</sub>CH<sub>2</sub>O)<sub>2</sub>CH<sub>3</sub>;

pentabromobenzyl-O-(CH<sub>2</sub>CH<sub>2</sub>O)<sub>2</sub>H;

pentabromobenzyl-O-(CH<sub>2</sub>)<sub>6</sub>OH;

-5-

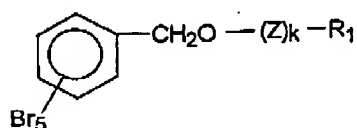
pentabromobenzyl-O-CH<sub>2</sub>CH(C<sub>2</sub>H<sub>5</sub>)(CH<sub>2</sub>)<sub>3</sub>CH<sub>3</sub>;

pentabromobenzyl-O-(C<sub>3</sub>H<sub>6</sub>O)<sub>2</sub>-OCH<sub>3</sub>, and

pentabromobenzyl-O-(C<sub>3</sub>H<sub>6</sub>O)<sub>2</sub>-H

15. (Previously Presented) A fire retarded composition according claim 8, further comprising a metal oxide, preferably Sb<sub>2</sub>O<sub>3</sub>.

16. (Previously Presented) A process for the preparation of a pentabromobenzyl alkyl ether of the formula:



wherein:

- Z represents the group -(Y-O)<sub>n</sub>-, wherein Y is a linear or branched -(C<sub>2</sub>-C<sub>8</sub>)alkylene-;
- n represents an integer from 2 to 4;
- k may be 0 or 1;
- R<sub>1</sub> represents hydrogen, a linear or branched -(C<sub>1</sub>-C<sub>10</sub>)alkyl, allyl, or 1,2-dibromopropyl; provided that when k is zero R<sub>1</sub> represents a linear or branched -(C<sub>4</sub>-C<sub>10</sub>)alkyl, and when k is 1 R<sub>1</sub> represents hydrogen, a linear or branched -(C<sub>1</sub>-C<sub>4</sub>)alkyl, allyl or 1,2-dibromopropyl, comprising reacting a glycol, a mono-, or di-alcohol of the formula HO-(Z)<sub>k</sub>-R<sub>1</sub>, or the corresponding metal alcoholate thereof, with a pentabromobenzyl halide.

17. (Cancelled)

-6-

18. (Cancelled)

19. (Cancelled)

20. (Previously Presented) The process of claim 16, wherein the pentabromobenzyl halide is pentabromobenzyl bromide.

21. (Previously Presented) The process of claim 16, wherein the reaction occurs in the presence of a base.

22. (Previously Presented) The process of claim 16, wherein the linear or branched  $-(C_2-C_8)\text{alkylene}-$  is selected from the group consisting of  $-\text{CH}_2\text{CH}_2-$  and  $-\text{CH}_2\text{CH}(\text{CH}_3)-$ .

23. (Previously Presented) A fire retarded polymeric or polymer-containing composition of claim 8, wherein the linear or branched  $-(C_2-C_8)\text{alkylene}-$  is selected from the group consisting of  $-\text{CH}_2\text{CH}_2-$  and  $-\text{CH}_2\text{CH}(\text{CH}_3)-$ .

24. (Previously Presented) A pentabromobenzyl alkyl ether according to claim 1, wherein the linear or branched  $-(C_2-C_8)\text{alkylene}-$  is selected from the group consisting of  $-\text{CH}_2\text{CH}_2-$  and  $-\text{CH}_2\text{CH}(\text{CH}_3)-$ .

25. (Currently Amended) The method of using the ~~composition~~ compound of claim 1 as a fire-retardant.